

# AUTO/STIK II & JR

**Automatic Tank Gauging  
& Electronic Line Leak  
Detection System**

**EBW**

2814 McCracken Ave.

Muskegon, MI 49441

Tel: 616 755-1671

**Evaluator:** Ken Wilcox Ass. - 08/20/93

**System Description:** *The AUTO/STIK II and JR.*

*series are electronic monitoring devices capable of tracking inventory, detecting leaks and providing alarm warnings. The systems can also be equipped with a continuous 24 hour leak detection option; however this option does not accumulate data during intermittent still times as most systems do, but continually starts a leak test at still times and ends the leak test only after a 30 minute still time. A leak rate for one test period is calculated by combining still period leak tests thru four consecutive days. The AUTO/STIK II can be equipped with the electronic line leak detection option which can monitor 1 to 8 pressurized lines. The ATUO/STIK II is capable of monitoring 1 to 16 tanks for leak detection, 1 to 64 liquid sensors and 1 to 56 relay outputs. The JR series are capable of handling the number of tanks indicated on the model # and are limited to the amount of sensors and relay outputs they provide.*

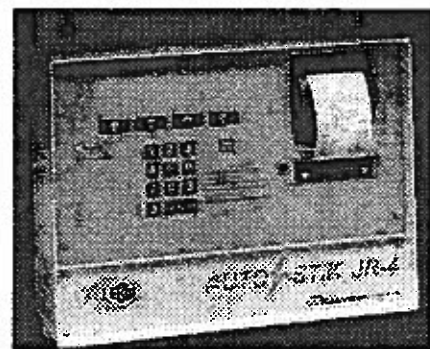
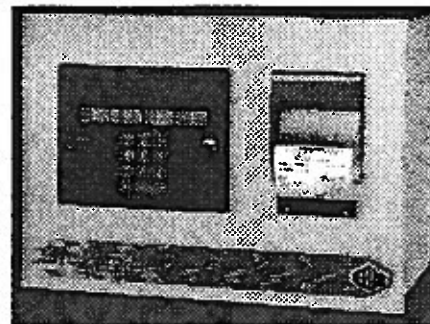
**Certification:** 0.1 gph with PD = 98.3% and PFA = 1.7%

**Tank Capacity:** Max. 15,000 gal

**Test Period:** Min. 4 hrs with tank 50 - 95% full

**Limitations:**

- No dispensing or delivery during test (even w/CLD)
- Not evaluated using manifolded tanks
- Not capable of monitoring product lines (JR series)



# SAMPLE REPORTS AUTO STIK

## 1. Printing Reports

- Depress **PRINT REPORTS**
- Depress desired report or **MORE**
- Continue to press **MORE** until desired report
- Depress desired report
- Depress **ALL** or enter desired tank # (01, 02, etc.)
- Depress **PRINT**

## 2. Print Inventory Information (Status Report)

- Depress **PRINT REPORTS**
- Depress **STATUS REPORT**
- Depress **ALL** or enter desired tank # (01, 02, etc.)
- Depress **PRINT**

## 3. Print Leak Report

- Depress **PRINT REPORTS**
- Depress **MORE**
- Depress **LEAK REPORT**
- Depress **ALL** or enter desired tank # (01, 02, etc.)
- Depress **PRINT**

### LINE LEAK REPORT

WED MAY 22,96 5:48:19 PM  
STATION NAME:  
GENES SERVICE  
SHERMAN  
MUSKEGON MI

LINE 1

CURRENT STATUS: NO ERRORS  
0.2 GPH MONTHLY PASS: YES  
0.2 GPH TEST HISTORY:

APR:  
MAR:  
FEB:  
JAN:  
DEC:  
NOV:

LAST 0.2 GPH TEST: PASS  
TUE MAY 21,96 7:01:52 PM  
LAST 0.1 GPH TEST: PASS  
TUE MAY 21,96 10:04:07 PM  
.....

### STATUS REPORT

WED MAY 22,96 9:49:46 AM

STATION NAME:

TANK 1 PRODUCT: LEAD FREE

CURRENT STATUS:

[CNT] | | | | |

GROSS: 615.161 gal  
NET: 608.541 gal  
FUEL LEVEL: 28.9232 in  
WATER LEVEL: 0.6443 in  
TEMP: 76.510 °F  
GROSS VTF: 355.857 gal  
GROSS ULLAGE: 95%-307.307 gal  
.....

### AUTO LEAK TEST

WED MAY 22,96 5:47:21 PM

STATION NAME:

GENES SERVICE  
SHERMAN  
MUSKEGON MI

TANK 1 PRODUCT: DIESEL

LEAK RATE: 0.009 gal/hr  
PASS 0.2 GPH TEST

PERCENT OF TANK TESTED: 41.1 %  
START: SUN MAY 19,96 12:00:02 AM  
BEG FUEL LEVEL: 51.5870 in  
BEG WATER LEVEL: 0.0357 in  
850.903 gal, 53.04 °F  
850.917 gal, 53.02 °F  
850.928 gal, 53.00 °F  
850.936 gal, 52.98 °F  
END: SUN MAY 19,96 4:09:01 AM  
END FUEL LEVEL: 51.5870 in  
END WATER LEVEL: 0.0352 in  
.....

## 4. Print Line Leak Report

- Depress **PRINT REPORTS**
- Depress **MORE - MORE - MORE -MORE**
- Depress **LINE LEAK REPORT**
- Depress **ALL** or enter desired tank # (01, 02, etc.)
- Depress **PRINT**

If the operator has enabled the AutoLeak Mode, the Auto/Stik system will print an AutoLeak Report as soon as 4 days or at least in 25 days, depending upon activity in the tank. This report details the current leak rate of each active tank in the system as determined by the continuous leak detection mode of the Auto/Stik system. The AutoLeak Report is shown below:

```
AUTOLEAK REPORT
THU JAN 25,96 9:46:28 AM
STATION NAME:
      EBW TEST SITE
      2814 MCCrackEN AVE
      (800)475-5151
      MUSKEGON, MI 49441

TANK 1 PRODUCT:          NO LEAD

LEAK RATE:                -0.09 gal/hr
                        PASS 0.2 GPH TEST

LEAK TEST START:
      MON JAN 01,96 12:00:00 AM
TEST 1:                    ??? gal/hr
TEST 2:                    0.09 gal/hr
TEST 3:                    ??? gal/hr
TEST 4:                    ??? gal/hr
TEST 5:                    ??? gal/hr
TEST 6:                    ??? gal/hr
LEAK TEST END:
      SAT JAN 13,96 12:00:00 AM
```